

MARINE **R**EDENTIALS

AS OF DEC. 31, 2005

As planned, Proceedings is again publishing statistics on the make-up of U.S. merchant marine personnel. This is the second year that we have published statistics of this type. Previous statistics appearing in Proceedings (those that were published annually until 1995) were based on the licensing transactions executed by the Regional Examination Centers and amounted to workload measures that could not be used to provide a breakdown of the U.S. merchant marine population and its qualifications. The numbers provided with this article represent mariners with the qualification indicated as of December 31, 2005.

As noted last year, it is not possible in the space available to list all of the alternative combinations of credentials issued by this complex program. We have patterned the listed categories after previous

reports, and it is our hope that these provide sufficiently informative detail. Where qualifications are in transition (for example, the transition from Operator Uninspected Towing Vessel to Master Towing) and there are mariners holding both qualifications, they have been combined.

Please Note: Many mariners hold more than one qualification. The numbers presented here endeavor to capture all of those qualifications. For example, a mariner holding a license as a 1600-ton Master and an Unlimited Second Mate, would be counted in each category. Similarly, a Chief Engineer, Steam and Motor, is counted in each propulsion category.

We hope this breakdown is useful to you and welcome your suggestions for improvements.

U.S. Merchant Marine: **Summary Statistics**

	TOTAL	WITH STCW
Mariners with an MMD only	67,637	16,582
Mariners with a license only	99,023	4,157
Mariners with both a license and an MMD	41,343	27,790
TOTAL	208,003	48,529

U.S. Merchant Marine: **MMD-holder Statistics**

	TOTAL
Mariners with one or more qualified Deck Dept. ratings	36,007
Mariners with one or more qualified Engine Dept. ratings	16,406
Mariners with any Tankerman rating	18,069
Mariners with only entry-level ratings	39,560
Mariners with only entry-level ratings + lifeboatman	2,684

Licensed Deck Department

Description	Number of Mariners
Master Ocean Any Gross Tons	3,393
Master Near Coastal Any Gross Tons	87
Chief Mate Ocean Any Gross Tons	833
Chief Mate Near Coastal Any Gross Tons	2
Second Mate Ocean Any Gross Tons	1,578
Second Mate Near Coastal Any Gross Tons	7
Third Mate Ocean Any Gross Tons	3,367
Third Mate Near Coastal Any Gross Tons	100
Master Ocean Not More Than 1,600 tons	5,213
Master Near Coastal Not More Than 1,600 tons	2,644
Mate Ocean Not More Than 1,600 tons	288
Mate Near Coastal Not More Than 1,600 tons	926
Master Ocean Not More Than 500 tons	568
Master Near Coastal Not More Than 500 tons	1,118
Mate Ocean Not More Than 500 tons	64
Mate Near Coastal Not More Than 500 tons	173
Master Ocean Not More Than 200 tons	173
Master Near Coastal Not More Than 200 tons	2,303
Mate Near Coastal Not More Than 200 tons	1,023
Master Near Coastal Not More Than 100 tons	26,708
Master Uninspected Fishing Industry Vessel	811
Mate Uninspected Fishing Industry Vessel	251
Master (OSV)	157
Chief Mate (OSV)	1
Mate (OSV)	29
Master Great Lakes and In. Any Gross Tons	291
Mate Great Lakes and In. Any Gross Tons	227
Master Great Lakes and In. Not More Than 1,600 tons	154
Mate Great Lakes and In. Not More Than 1,600 tons	55
Master Great Lakes and In. Not More Than 200 tons	104
Mate Great Lakes and In. Not More Than 200 tons	13
Master Inland Any Gross Tons	1,044
Mate Inland Any Gross Tons	204
Master Inland Not More Than 200 tons	512
Mate Inland Not More Than 200 tons	330
Master Inland Not More Than 100 tons	7,509
Mate Inland Not More Than 100 tons	47
First Class Pilot	3,678
OUTV/Master Towing	14,355
2ND-Class OUTV/Mate (Pilot)	194
Apprentice Mate (Steersman)	310
Operator Uninspected Passenger Vessel	32,092
Assistance Towing Endorsement	22,222
Offshore Installation Manager (OIM)	1,772
Barge Supervisor (BS)	741
Ballast Control Operator	380

Licensed Engine Department

Description	Number of Mariners
By grade; regardless of propulsion	
Chief Engineer	3,629
1st Assistant Engineer	1,534
2nd Assistant Engineer	1,901
3rd Assistant Engineer	4,861
Chief Engineer (Limited-Ocean)	1,497
Assistant Engineer (Limited-Ocean)	487
Chief Engineer (Limited-Near Coastal)	499
Designated Duty Engineer	2,370
Chief Engineer Uninspected Fishing Industry Vessel	598
Assistant Engineer Fishing Industry Vessel	110
Chief Engineer MODU	122
Assistant Engineer MODU	0
Chief Engineer (OSV)	711
Engineer (OSV)	8
By grade and propulsion*	
Chief Engineer Motor	3,207
1st Assistant Engineer Motor	1,069
2nd Assistant Engineer Motor	1,224
3rd Assistant Engineer Motor	3,868
Chief Engineer Steam	2,168
1st Assistant Engineer Steam	974
2nd Assistant Engineer Steam	1,127
3rd Assistant Engineer Steam	3,952
Chief Engineer Gas Turbine	2,702
1st Assistant Engineer Turbine	988
2nd Assistant Engineer Turbine	1,110
3rd Assistant Engineer Turbine	2,500

**Note: Many engineers may hold licenses valid for more than one type of propulsion. In the "By Grade and propulsion" table, an individual is counted in each propulsion category for which he/she is licensed.*

Licensed Radio Officer and Certificates of Registry

Description	Number of Mariners
Radio Officer	329
Chief Purser	179
Purser	70
Sr. Asst. Purser	28
Jr. Asst. Purser	130
Medical Doctor	76
Professional Nurse	71
Surgeon	3

MARINE **C**REDENTIALS

Merchant Mariner Document Ratings

RATING	Number of Mariners
Able Seamen	
AB-Special	3,600
AB-Limited	3,428
AB-Unlimited	11,454
AB-Special(OSV)	2,843
AB-MOU	2,344
AB-Fishing	151
AB-Sail	305
Qualified Member of the Engine Department	
QMED-Deck Engine Mechanic	168
QMED-Deck Engineer	912
QMED-Electrician	1,160
QMED-Engineman	172
QMED-Junior Engineer	1,473
QMED-Machinist	738
QMED-Oiler	4,439
QMED-Pumpman	1,225
QMED-Refrigeration Engineer	820
QMED-Fireman/Watertender	2,376
QMED-Any Rating	774
Lifeboatman	
Lifeboatman	19,888
Tankerman	
Tankerman-Pic	4,248
Tankerman-Pic (Barge)	8,482
Tankerman-Engr	845
Tankerman-Assst	4,608
Licensed Officer Ratings	
Any Unlic Rating in Deck Dept Except AB	1,051
Any Unlic Rating in Deck Dept Incl AB	13,660
Any Unlicensed Rating in Engine Dept	10,844
Cadet/Deck or Engine	3,296
Entry Level Mariners	39,560